

ABSTRACT

An antenna mount includes a frame formed by a front plate and a rear plate connected by a separator, which has a concave seat centrally located on its upper surface. A rotator element is pivotally secured between the front and rear plates, and is rotatable either clockwise or counterclockwise through the support frame. The upper portion of the rotator has a threaded opening into which an antenna can be mounted, while a spring mounted piston is provided at the bottom end of the rotator. When an antenna is mounted in the rotator and is upright, the piston is securely engaged on the seat. The antenna mount is installed on a vehicle so that upon encountering an obstacle while moving either forward or backward, the spring mounted piston becomes disengaged from the seat, causing the rotator and antenna to pivot either forward or backward in response to the force. The antenna can be reset by lifting the antenna until the antenna mount returns to a locked position and the antenna is again upright.